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ABU	Plant	Revalidation	Start Date	End Date	Facilitator	Scribe
D&R	CAUSTIC SCRUBBER	2nd Revalidation	1/26/2004	1/27/2004	Steve Aakhus, AcuTech Consulting	Steve Aakhus

Core Team Members / Role Mike Fenter, Tifanie Steele, Brian Vines, Karen Graul, Ed Zecchini	Close Out Meeting Participants / Role
Additional Participants / Role	Entire PHA Report * Further discussion about any portion of the report and its contents should be directed to the facilitator or any of the team members listed
Comments	
Reviewed By	Date
Feedback/Comments	

Section No	Section Description									
001	Process gas from V-4080 separator, V-4090 debutanizer C-590 and C-3590 Splitters and the Butamer Plant to Caustic Scrubber C-4700									
Item	WhatIf	Deviation	A/C	SOE	RR	ABU Proposal	Resolution	Owner	Due By	Status
1-11a	16158	Startup/Shutdown	Concern: Employee exposure to benzene. The Reval Team identified two possible suggestions to resolve the exposure concern: Consider revising the Clean-up procedure to	S	3	Evaluate and revise current clean-up procedures as needed to address employee exposure to benzene. Evaluate the need to install a skim line to remove the oil layer in C-	Exposure testing for Benzene was conducted (in the breathing zone) while operators collected samples at C-4410 overhead sample station.	Selby, George M.		Completed

include instructions for negating the potential exposure to benzene. Also consider installing a skim line to remove the oil layer in C-4700 to the relief system, or other appropriate location.

4700 to the relief system, or other location. Exposure testing for Benzene was conducted (in the breathing zone) while operators collected samples at C-4410 overhead sample station. The results of this testing indicate the concentration exposure levels to Benzene while sampling was below the Cal/OSHA permissible limits (PEL's). Note: The proper procedures must be followed when collecting samples. The sample box door must be closed and the installed air eductor must be used while drawing liquid sample.

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Content Contact: Karen, Draper (KAMR)
Technical Contact: Pollepalli, Sanjeev (pols) Lee, Fred (FredWLee)

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